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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Sienel

Serial No.: 10/725,896

Filed: December 2, 2003

Group Art Unit: 3744

Examiner: Jones, Melvin

Title: A METHOD FOR EXTRACTING CARBON DIOXIDE FOR  
USE AS AN REFRIGERANT IN A VAPOR COMPRESSION  
SYSTEM

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**JAN 31 2005**

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

**RESPONSE**

Dear Sir:

This paper is responsive to the Office Action mailed on December 15, 2004. Claims 1-22 remain in this application. Claims 1, 20 and 22 have been amended and claims 2 and 16 have been amended. Please amend the application as follows.